## SPECIFICATIONS

| | |
|---|---|
| Model | FinePix Z100fd |
| Number of effective pixels*1 | 8.0 million pixels |
| CCD sensor | 1/2.5-inch CCD |
| Storage media | Internal memory (approx. 54MB) / xD-Picture Card™ (16MB - 2GB) / SD memory card / SDHC memory card*2 |
| File format | Still image: JPEG (Exif Ver 2.2*3)<br>Movie: AVI (Motion JPEG) with sound / Audio: WAVE format, Monaural sound<br>(Design rule for Camera File system compliant / DPOF-compatible) |
| Number of recorded pixels | Still image: 3,264×2,448 / 3,264×2,176 (3:2 format) / 2,304×1,728 / 1,600×1,200 / 640×480 pixels |
| Lens | Fujinon 5× Optical zoom lens, F3.8 - F4.8 |
| Lens focal length | f=5.9 - 29.5mm, Equivalent to 36 - 180mm on a 35mm camera |
| Digital zoom | Approx. 5.1× |
| Aperture | WIDE: F3.8 - F6.4, TELE: F4.8 - F8.0 |
| Focus distance | Normal: Wide Angle: Approx. 60cm to Infinity Telephoto: Approx. 1.0m to Infinity<br>Macro: Wide Angle: Approx. 9cm to 80cm Telephoto: Approx. 30cm to 80cm |
| Sensitivity | Auto / Equivalent to ISO 64 / 100 / 200 / 400 / 800 / 1600 (Standard Output Sensitivity) |
| Exposure control | TTL 256-zones metering |
| Exposure mode | Programmed AE |
| Shooting modes | Natural Light, Natural Light & with Flash, Portrait, Landscape, Sport, Night, Fireworks, Sunset, Snow, Beach, Underwater, Museum, Party, Flower, Text, Auction |
| Image Stabilizer | CCD-shift type |
| Shutter speed | 4 sec. to 1/1000 sec. (depends on Shooting mode) |
| Continuous shooting | 1. Top-3 ( max 1.4 frames/sec)<br>2. Final-3 (max 1.4 frames/sec)<br>3. Long-period |
| Focus | Auto Focus |
| White balance | Automatic scene recognition<br>Preset (Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light) |
| Self-timer | Approx. 10 sec. / 2 sec. delay |
| Flash | Auto flash<br>Effective range (ISO AUTO): Wide-angle: approx. 0.7m - 3.6m / 2.3ft. - 11.8ft.<br>Telephoto: approx. 0.7m - 2.9m / 2.3ft. - 9.5ft.<br>Macro: approx. 0.3m - 0.8m / 1.0ft. - 2.6ft.<br>Flash mode<br>Red-eye removal OFF: Auto, Forced Flash, Suppressed Flash, Slow Synchro.<br>Red-eye removal ON: Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro. |
| LCD monitor | 2.7-inch, approx. 230,000 pixels, Amorphous silicon TFT color LCD monitor, approx. 97% coverage |
| Movie recording | 640 × 480 pixels / 320 × 240 pixels (30 frames/sec.) with monaural sound<br>*Zoom function cannot be used during movie recording. |
| Photography functions | Face Detection (with Red-eye removal), Best framing, Frame No. memory, manner mode |
| Ir Communication | Ir Simple™ / Ir SS™ |
| Playback functions | Face Detection, Slide show, Scrap book view slide show,Trimming,<br>Blog mode (with image processing function), Multi-frame playback including Micro thumbnail mode, Sorting by date, Image rotate, Voice Memo |
| Video output | NTSC / PAL selectable |
| Digital Interface | USB Full-speed |
| Power supply | NP-45 Li-ion battery (included) / CP-45 with AC power adapter AC-5VX (sold separately) |
| Dimensions | 92.0 (W) × 55.7 (H) × 19.8 (D) mm / 3.6 (W) × 2.2 (H) × 0.8 (D) in.<br>(excluding accessories and attachments) |
| Weight | Approx. 138g / 4.9oz.(excluding accessories, batteries and memory card) |

### Number of images / recording time

| Mode | | Still image | | | | | | Movie | |
|---|---|---|---|---|---|---|---|---|---|
| Number of recorded pixels | | 3,264×2,448 | | 3,264×2,176(3:2) | 2,304×1,728 | 1,600×1,200 | 640×480 | Movie recording time | |
| Quality | | JPEG FINE | JPEG NORMAL | JPEG | JPEG | JPEG | JPEG | VGA (30fps) | QVGA (30fps) |
| Internal Memory (54MB) | | 14 | 28 | 31 | 55 | 88 | 432 | 60 sec. | 96 sec. |
| xD-Picture card | DPC-256 (256MB) | 65 | 130 | 145 | 257 | 410 | 1999 | 4.6 min. | 7.4 min. |
| | DPC-512 (512MB) | 130 | 259 | 290 | 515 | 819 | 3995 | 9.3 min. | 14.8 min. |
| | DPC-M1GB (1GB) | 261 | 520 | 581 | 1031 | 1640 | 7996 | 18.7 min. | 29.6 min. |
| | DPC-M2GB (2GB) | 520 | 1031 | 1163 | 2063 | 3199 | 15995 | 36.8 min. | 59.2 min. |
| SD memory card | 512MB | 126 | 251 | 281 | 499 | 793 | 3868 | 9 min. | 14.3 min. |
| | 1GB | 252 | 503 | 563 | 999 | 1589 | 7746 | 18.1 min. | 28.7 min. |
| | 2GB | 504 | 1000 | 1127 | 2000 | 3100 | 15504 | 35.6 min. | 57.4 min. |
| SDHC memory card | 4GB | 996 | 1977 | 2229 | 3955 | 6131 | 30655 | 70.5 min.* | 113.5 min.* |
| | 8GB | 1995 | 3959 | 4463 | 7919 | 12275 | 61375 | 141.1 min.* | 227.3 min.* |

Actual number of frames and recording time varies depending on the types of Memory Card or shooting condition.
*A movie recording will stop automatically when the movie file size becomes approx. 2GB.

*1 : Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.

*2 : Please see the Fujifilm website to check memory card compatibility.

*3 : Exif 2.2 is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

*4 : "CIPA DC-002-2003 'Standard Procedure for Measuring Digital Still Camera Battery Consumption' " (extract)Pictures shall be taken at a temperature of 23°C, with the LCD monitor turned on, the zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots.

## OPTIONAL ACCESSORIES

Li-ion battery
NP-45

xD-Picture Card™
- DPC-M256 / DPC-H256 (256MB)
- DPC-M512 / DPC-H512 (512MB)
- DPC-M1GB / DPC-H1GB (1GB)
- DPC-M2GB / DPC-H2GB (2GB)

Waterproof Case WP-FXZ100
PC Card Adapter DPC-AD
CompactFlash™ Card Adapter DPC-CF
AC Power Adapter AC-5VX
Battery Charger BC-45
DC coupler CP-45

Accessory availability may vary by country.
Please check with your local Fujifilm representative to confirm product availability.

## ACCESSORIES INCLUDED

- Li-ion battery NP-45
- Battery Charger BC-45
- Hand Strap
- USB cable for the FinePix Z100fd
- A / V cable for the FinePix Z100fd
- CD-ROM: FinePixViewer
- Owner's Manual

Guide to the number of available frames for battery operation

| Battery | LCD monitor status | Number of frames |
|---|---|---|
| NP-45 | LCD monitor ON | approx. 150 frames |

The number of frames per charge will decrease in Quick AF / Clear Display mode.

According to the Camera & Imaging Products Association (CIPA) standards*4 . The battery (NP-45) is supplied with the camera.

Specifications are subject to change without notice.

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For more information, please visit our Website:
***http://www.fujifilm.com/products/digital_cameras/index.html***

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FUJIFILM

DIGITAL CAMERA
FinePix Z100fd
NEW

# Supremacy in Beauty

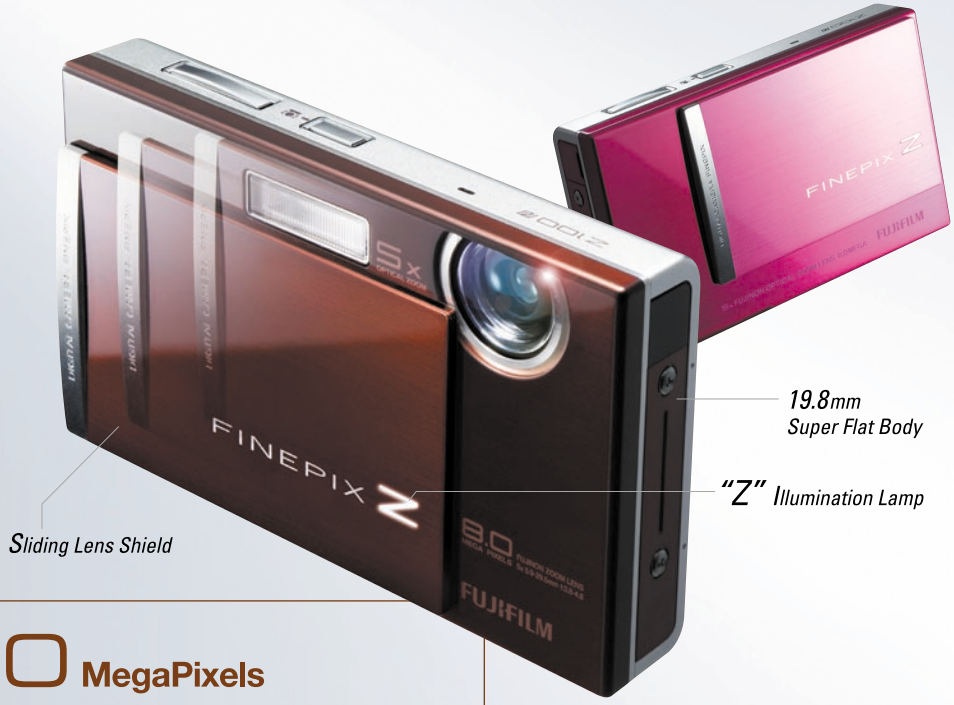
Take beautiful photos in style with the ultimate slim compact.

**8.0** Mega Pixels | **5x** Optical Zoom | Face Detection | Dual IS (Image Stabilization)

# The color of style

Colors to match every lifestyle, technology to capture every scene.

# Powerful Technology in a Super Flat Body

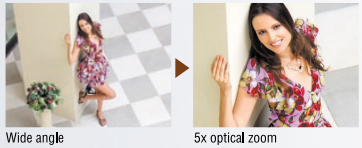



## 8.0 MegaPixels

The high resolution of 8 megapixels in the sleek flat body lets you crop and enlarge faces and parts of scenes and still enjoy smooth tones and images.

## 5x Optical Zoom

The amazing power of 5x optical zoom lets you use a wide angle to capture the entire scene or take great close-ups from far away.



Wide angle

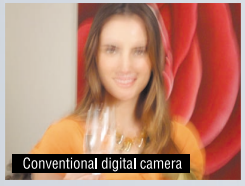


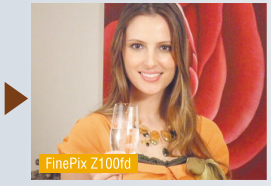
5x optical zoom

## Dual IS (Image Stabilization)

High Sensitivity + CCD Shift Image Stabilization

No more shots spoiled by blur from camera shake or moving subjects! High sensitivity lets you use a fast shutter to freeze the action in sharp bright detail, while built-in CCD shift image stabilization automatically compensates for camera shake.



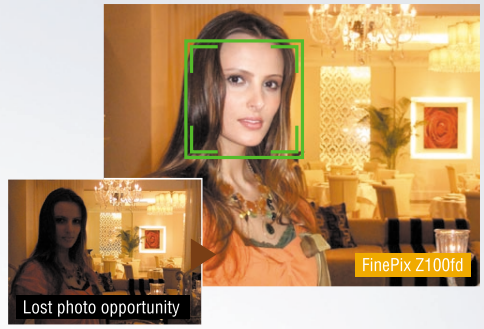




### CCD Shift Image Stabilization

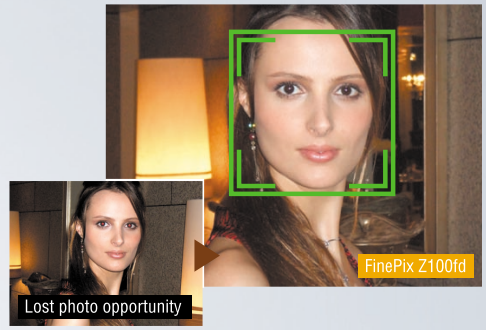
| | |
|---|---|
| Gyro-Sensor | The Gyro-Sensor detects the amount of blur. |
| Image Stabilization Chip | The Image Stabilization Chip calculates how much correction is needed. |
| CCD | Based on the result, the CCD is shifted to compensate for camera shake. |

## Face Detection Advantages!

### Finds and Focuses Faces Instantly! Optimizes Brightness for Exceptional Results!




### Corrects "Red Eye" in Detected Faces Automatically!




### Up to 10 Faces Detected Almost Instantly!

∗a simulated image

You just frame the shot, and Face Detection does the work, simultaneously and accurately finding up to 10 faces for bright, clear results. During playback of group portraits, you can "Zoom Up" on detected faces and check them one by one. If you find a priceless expression, Face Detection and high resolution are ready to automatically "Crop" and save a beautiful "portrait" of the detected face.

**Zoom Up**

Zooms in on detected faces in the photo one by one during playback.

**Cropping**

Zooms in on a detected face, then crops and saves a "portrait" shot in the camera.

◎Depending on the scene conditions, Face Detection performance may vary. ◎Face Detection frames in photos of LCD screens in this brochure have been simulated.

## ISO 1600 Sensitivity

Take vivid, clear and bright photos indoors, at night, or when shooting fast moving subjects! ISO 1600 high sensitivity and versatile functions make it easy to capture more scenes with exceptional results.

## Intelligent Flash

Don't let flash washout spoil your photo! By automatically setting the ideal balance of flash output and sensitivity, Intelligent Flash captures both the subject and the background with natural brightness and in beautiful detail – just the way your eye sees them.

## Natural Light & with Flash

Can't decide whether it's best to use flash? Choose this mode, press the shutter and automatically capture the same scene twice: once with high sensitivity and natural light, and the second time with Intelligent Flash. Later choose one or keep both!

# Easy-Select Scene Positions

Choose a Scene Position that matches the situation and you are ready with the ideal settings for everything from shutter speed and exposure to white balance.

Natural Light | Natural Light & with Flash | Portrait | Landscape | Sport | Night | Fireworks | Sunset
Snow | Beach | Underwater | Museum | Party | Flower | Text | Auction mode

NEW

Underwater

Night

*Please use the waterproof case sold separately.

# Slide Show with Music

Relive and share beautiful moments with new in-camera slideshow functions. You can add a soundtrack preset to your show and view slides with new and powerful Face Detection-enabled functions. New features also make slideshows easier to organize and even more entertaining.

**Slide Show**
*Bring your photos to life in entertaining slideshows of close-ups of the detected faces.*

**Scrap Book View**
*Liven up your slideshow with screens of multiple images displayed in scrapbook style.*

# Folder Management

Save and organize your photos in "Travel", "Favorites" or one of the other handy preset folders. Later it is easy to find your shot or set up a theme slideshow. Store personal photos in the password-protected "Private" folder.


MY PICTURES | FAMILY | TRAVEL
EVENTS | FAVORITES | PRIVATE

# Auction mode

Auction Mode stitches multiple photos into a single image for easy uploading to your favorite auction site.

# Blog mode

Select "Blog mode" during playback, and your photo is automatically resized and edited in your camera for posting to your blog, eliminating the need to use a PC to optimize images for the web.

*Wheel Dial*
Easy control and selection of the convenient functions is right at the tip of your thumb. Swiftly scroll and select anything from Scene Positions to thumbnails.

*Reinforced glass coating*
Protected by a reinforced glass coating, the large LCD is highly scratch resistant.

*Micro Thumbnail View*
Navigate, view and select from up to 100 photos at a time in a 10 x 10 array. The high resolution LCD makes it easy to identify even these micro images.

# Even More Fun After You Press The Shutter!

# 2.7-inch 230,000 Pixels LCD

Composing and viewing photos and slideshows on the spacious 2.7-inch LCD is a real pleasure. And with a 230,000-pixel canvas, it is easy to see photo detail and read the intuitive GUI menus.

## IrSimple™ for Wireless Communication

Expand photo communication by sharing image files with other IrSimple-ready cameras. No cables! Just easy wireless transfer of your photos!

*IrSimple™ trademark is owned by the Infrared Data Association®.

## xD/SD Compatible Slot

The versatile card slot is compatible with ultracompact xD-Picture Cards and both standard and high-capacity Secure Digital (SD) memory cards.

xD-Picture Card™ | SDHC™

◎All sample photos are simulated images. •Comparison by Fujifilm